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NOTIFICATIONS BY HEADS OF DEPARTMENTS, ETC.

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PUBLIC WORKS NOTIFICATIONS

TRANSMISSION CORPORATION OF TELANGANA LIMITED

400 KV TRANSMISSION SCHEMES FOR “TRANSMISSION REQUIREMENT FOR THE YEAR 2015-2019”.

NOTIFICATION

Lr No.CE/PROJECTS-I/SE/400k/D1-A2/Gazette / D.No.1945/2016:- Transmission Corporation of Telangana Limited proposes 400KV Power Evacuation Schemes and System Improvement Schemes for the year 2015-2019 under Dindi System Improvement Transmission Scheme, Suryapet System Improvement Transmission Scheme, Bhadradri Thermal Power Transmission Scheme, Nirmal Power Transmission Scheme, 765KV Wardha-Hyderabad Link Transmission Scheme, KTPS-VII Stage (1x800MW) Power Transmission Scheme and Telangana STPP-I Power Evacuation Scheme (2x800MW), with the erection of the following Transmission Lines, Substations and Bay extensions are as detailed below. The Schemes are proposed for completion during the year 2015-2019 and will result in reduction of EHT transmission losses, improvement of voltage profiles & meets the additional load demand in the region and surrounding areas.

1. Dindi System Improvement Transmission Scheme

- 400/220kV Dindi Sub-Station with 2x315MVA .
- 400kV LILO Line of Srisailem-Mamidipally DC Line to 400KVSS Dindi .-15KM .
- 400kV LILO Line of Nagarjuna Sagar-Gooty (PGCIL) SC Line to 400kVSS Dindi .-10KM .
- Erection of 220kV features at 132/33 kV Sub-Station at Nagarkurnool with 2x100MVA .
- 220kV DC Line from proposed 400KVSS Dindi to existing 220kV Kondamallepally Substation-35KM.
- 220kV DC Line from proposed 400KVSS Dindi to proposed 220kV Nagarkurnool Substation-43KM.

2. Suryapet Transmission System Improvement Scheme.

- Erection of 400/220/132kV Substation at Suryapet (2x315 & 2x100MVA) .
- 400kV Bay Extensions (Quad) at Shankarapally Substation–2Nos.
- Erection of LILO of one circuit of 400kV VTS–Malkram DC line to the proposed 400/220/132kV Suryapet Substation 5KM
- Erection of LILO of second circuit of 400kV VTS–Malkram DC line to the proposed 400/220/132kV Suryapet Substation–5KM
- Erection of 400kV Quad Moose line from 400/220kV Kamavarapukota SS–Suryapet 400/220/132kV SS–212KM
- 400kV Quad DC line proposed 400/220/132kV Suryapet SS– to existing 400/220kV Shankarapalli SS–240KM
- 400kV Twin Moose bays for LILO of one circuit of 400kV VTS–Malkram DC line to the proposed 400/220/132kV Suryapet Substation–2Nos.
- 400kV Twin Moose bays for LILO of second circuit of 400kV VTS–Malkram DC line to the proposed 400/220/132kV Suryapet Substation–2Nos.
- Erection of LILO of one circuit of 220kV Chillakallu–Narkatpally DC line to the proposed 400/220/132kV Suryapet Substation –21KM.
- Erection of LILO of (Ckt-I&II) of 220kV Khammam–Miriyalaguda DC line to the proposed 400/220/132kV Suryapet Substation –30KM.
- Erection of 132kV DC Line from proposed 400/220/132kV Suryapet to 132kV existing Suryapet Substation –7KM.
- Erection of 132kV DC/SC Line from proposed 400/220/132kV Suryapet to 132kV existing Shaligowraram Substation –35KM.
- Erection of 132kV DC/SC Line from proposed 400/220/132kV Suryapet to 132kV existing Thungathurthy Substation –30KM.
- Erection of 132kV Bay Extensions at existing 132kV Suryapet SS– 2Nos.
- Erection of 132kV Bay Extensions at existing 132kV Shaligowraram SS– 1No.
- Erection of 132kV Bay Extensions at existing 132kV Thungathurthy SS– 1No.

3. Bhadradri Thermal Power Transmission Scheme.

- Manuguru TSGENCO plant Switchyard to proposed 400/220kV Julurupadu (Bommanapalli) SS with Quad Moose DC Line–100KMs.
- From proposed 400/220kV Julurupadu (Bommanapalli) SS to existing 400/220kV Khammam (PGCIL) SS with Quad Moose DC Line–50KMs.
- From proposed 400/220kV Julurupadu (Bommanapalli) SS to upcoming 400/220/132kV Suryapeta SS with Quad Moose DC Line–125KMs. (approx).
- 400/220kV Julurupadu (Bommanapalli) SS with 2x315MVA.
- 400KV Bay Extensions at 400KV Khammam (PGCIL) SS – 2Nos.

- 400KV Bay Extensions at Suryapet 400/220/132kV SS – 2Nos.
- 220/132/33kV Kallur SS with 2x100+2X50 MVA.
- 132/33kV Chandragonda SS with 2x31.5MVA capacity.
- 220kV DC Line from proposed 400/220kV Julurupadu (Bommanapalli) SS to proposed 220/132/33kV Kallur SS (Single Moose)–70KMs.
- Erection of 132kV DC line from proposed 220/132kV Peddagopati to existing 132/33kV SS Madira–40KMs.
- Erection of 132kV line with Multi-Circuit towers for making LILO of existing 132kV Budidampadu–Penubali and 132kV Thallada-Penuballi DC line –4KMs.
- Erection of 132kV DC line from proposed 220/132kV Peddagopati to 132/33kV SS Thallada–30KMs.
- Erection of 132kV line with Multi-Circuit towers for making LILO of existing 132kV Khammam - Chilakallu DC line to proposed 220/132kV Peddagopati –30KMs.
- Erection of 132kV Single Zebra DC/SC Line from proposed 220/132/33kV Kallur to proposed 132/33kV Chandragonda SS –30KMs.
- Erection of 132kV Bay Extensions at Madira 132/33kV SS–2Nos.
- Erection of 132kV Bay Extensions at Tallada 132/33kV SS–2Nos.

4. **Nirmal Power Transmission Scheme.**

- Erection of 400/220kV SS at Nirmal with 3x315MVA.
- Erection of 400kV Quad moose DC Line from 400kV STPP, Jaipur to the proposed 400/220kV Nirmal SS –145KM.
- Up gradation of 132/33 kV Renzal SS to 220/132 kV Renzal Sub-Station with 2x100MVA.
- Erection of 220/132 kV Sub-Station with 2x100 MVA PTR Capacity at Indravelly in Adilabad District.
- Proposed 400/220kV Nirmal SS to the existing 220 kV Jagityal SS DC line-100KM.
- Proposed 400/220kV Nirmal SS to the existing 220 kV Nirmal SS DC line-10KM
- Proposed 400/220kV Nirmal SS to the proposed Up graded 220/132 kV Renzal SS DC line-100KM.
- Proposed 400/220kV Nirmal SS to the proposed 220/132 kV Indravelly SS DC line-87KM.
- 220kV Bay Extensions at Jagityal 220kV SS–2Nos.
- 220kV Bay Extensions at Nirmal 220kV SS–2Nos.
- Proposed 220/132kV Indravelly SS to the proposed 132/33 kV Uttoor SS DC line-15KM.
- Proposed 220/132kV Indravelly SS to the proposed 132/33 kV Asifabad SS DC line on 220KV Multi-Circuit towers–74KM.
- LILO of Adilabad-Pochampad and Adilabad-Ichoda at Proposed 220/132kV Indravelly SS Multi-Circuit Line with four Circuits -23KM.
- 132kV Bay Extensions Uttoor-2Nos, Asifabad –2Nos.

5. Hyderabad-Wardha Link Transmission Scheme.

- 400/220kV Maheshwaram Substation 2x500MVA.
- 400kV Quad moose DC Line from proposed Maheshwaram 400/220kV Substation Maheshwaram 765/400kV (PGCIL) SS –1.5KM.
- 400kV Twin Moose DC Line from proposed Maheshwaram 400/220kV Substation - Shankarpalli (to be established by re-alignment of the LILO of Srisailam-Mamidipalli at Shankarpalli, and re-instating the Srisailam-Mamidipalli 400kV DC Line) –6.5KM.
- Bay Extensions at Maheshwaram 765/400kV (PGCIL) SS – 2Nos.
- 400/220/132kV Kethireddypalli (Manikonda) SS with 2x315+2x100MVA.
- LILO of both Circuits Suryapeta Shankarpalli Quad Moose D/C Line to Kethireddypalli (Manikonda) 400/220KV SS –25KM.
- LILO of both Circuits of 220 kV Dindi-bongulur at proposed Maheshwaram 400/220KV SS on 220KV Multi-Circuit Towers–10KM.
- 220kV features at existing 132/33 kV Madgula Sub-Station- 2x100MVA.
- LILO of both Circuits 220kV Dindi - Bongulur at proposed Madgula 220KV SS on Multi Circuit Towers-4 KM.
- 220kV DC line from proposed Maheshwaram 400/220kV SS to Fabcity 220 kV SS - 22KM.
- Part of 220kV DC line from proposed Maheshwaram 400/220kV SS to Fabcity 220 kV SS on Narrow based Multi Circuit Towers-4KM.
- Erection of 220 kV Bays at 220/132 kV Sub-Station at Fab city-2Nos.
- 220/132/33 kV Kothur Sub-Station- 2x160+2x80 MVA.
- LILO of one Circuit of 220kV Mamidipally - Shadnagar at proposed Kothur 220KV SS - 3 KMs.
- LILO of one Circuit of 220kV Shamshabad - proposed 400/220/132/ kV Kethireddypalli (Manikonda) SS at proposed Kothur 220KV SS - 13 KM.
- LILO of one Circuit of 220kV Shamshabad - Yeddumailaram and 220KV Shadnagar Shankarpalli to proposed 400/220/132/ kV Kethireddypalli (Manikonda) SS on 220KV Multi-Circuit Towers-3 KM.
- Erection of 132/33 kV SS Kanakamamidi with Automation Panels with all provisions of 220 kV except 220 kV incoming feeder Bays and 220/132/ kV Power Transformer Bays-2x80 MVA.
- 220kV DC line from proposed 400/220/132kV Kethireddypalli (Manikonda) SS to 132/33 kV Kanakamamidi SS on 220 kV Narrow Based Multi Circuit Towers-5KM.
- 220/132 kV Sub-Station at Banswada- 2x100 MVA.
- 220kV DC line from 400/220kV SS Dichpalli to proposed 220/132kV SS Banswada-60KM.
- Erection of 220 kV Bays at 400/220 kV Sub-Station at Dichpalli -2Nos.
- 220kV DC line from 400/220kV SS Dichpalli to 220/132 kV SS Kamareddy-65KM
- Erection of 220 kV Bays at 220/132 kV Sub-Station at Kamareddy-2Nos.
- LILO of one Circuit of proposed DC line from 400/220kV SS Dichpalli to proposed 220/132 kV SS Banswada at proposed 220/132 kV Renzal SS-25 KM.

6. KTPS VII Stage (1x800 MW) Power Evacuation Scheme:

- Erection of 400/220kV Sub-Station at Jangaon, Jangaon District with 3x500MVA.
- KTPS Stage– VII Switchyard to proposed 40/ 220 kV Julurupadu (Bommanapalli) Sub-Station by Quad Moose DC Line - 39KMs.
- 400kV Quad Moose DC Line from proposed 40/220kV Julurupadu (Bommanapalli) to proposed 400/220kV Sub-Station at Jangaon, Jangaon District–170 KMs.
- 400kV Quad Moose DC Line from proposed 40/220kV Sub-Station at Jangaon to proposed 400 kV Tippapur LISS–70 KMs.
- 400kV Quad Bay Extensions at Proposed 40/220kV Julurupadu (Bommanapalli) SS for Jangaon 400 kV SS–2Nos.
- 400kV Quad Bay Extensions at proposed 400kV Tippapur LI SS for Jangaon 400 kV Sub-Station –2Nos.
- Up gradation of 132/33 kV Jangaon Sub-Station to 220/132/33 kV Jangaon Sub-Station with 2x100MVA.
- Erection of 220/132/33 kV Sub-Station at Husnabad with 2x100MVA and 2x50MVA.
- 220kV Single Moose DC Line from proposed 400/220kV Jangaon SS to upcoming 220/132/33 kV Jangaon Sub-Station - 15 KMs.
- 220kV Single Moose DC Line from proposed 400/220kV Jangaon SS to proposed 220/132/33 kV Husnabad Sub-Station - 60 KMs.
- 220kV Single Moose DC Line from proposed 400/220kV Jangaon SS to existing 220kV Sub-Station Bhongir - 70 KMs.
- Proposed 220/132/33kV Husnabad SS to the existing 132/33 kV Husnabad –10KMs.
- 220kV Bay Extensions at Bhongir 220kV SS–2Nos.
- 132kV Bay Extensions at Husnabad 132 kV SS–2Nos.

7. Telangana STPP -I Power Evacuation Scheme (2x800 MW).

- Erection of 400kV Sub-Station at Nedunuru, Karimnagar District with 2x500MVA.
- Erection of 400/220kV Sub-Station at Ramachandrapuram, Ranga Reddy District with 2x500MVA.
- 400kV Quad Moose Line from proposed Telangana STPP (2x800 MW) to proposed 400kV Nedunuru SS–60 KMs.
- LILO of both Circuits of upcoming 400 kV Jangaon SS - 400kV Tippapur LI SS Quad Moose DC Line to proposed 400 kV Nedunuru SS–30 KMs.
- 400kV Quad Moose Line from proposed Telangana STPP (2x800 MW) to upcoming 400 kV Narsapur SS - 170 KMs.
- 400kV Quad Moose DC Line from upcoming 400 kV Narsapur SS to proposed RC Puram SS in Ranga Reddy District - 60 KMs.
- 400kV Quad Bay Extensions at 400/220/132 kV SS Narsapur –4Nos.

- LILO of 220 kV Durshed Siddipet DC Line to the proposed 400 kV Nedunuru SS–10 KM.
- 220kV UG cable from proposed 400kV RC Puram GIS to existing 220 kV Gachibowli SS–10 KM.
- 220kV UG cable from proposed 400kV RC Puram GIS to existing 220 kV Raidurg SS–10 KM.
- 220kV Single Moose DC Line from proposed 220kV Borampet SS to existing 220kV Miyapur SS - 35 KM.
- 220kV Single Moose DC Line from proposed 220kV Borampet SS to existing 220kV Shapurnagar SS - 35 KMs.
- 220kV Bay Extensions at Miyapur and Shahpurnagar 220kV SS–4Nos.

In exercise of powers conferred under Section 164 of the Electricity Act 2003, Central Act No.36 of 2003, the Government of Telangana hereby confers upon Transmission Corporation of Telangana Limited, the Transmission Supply licensee in the State of Telangana and Northern Power distribution Company of Telangana Limited and southern Power Distribution Company of Telangana Limited or their authorized representatives to have the power for placing of the electric supply lines or electric plant for the transmission of electricity or for the purpose of telephonic or telegraphic communications necessary for the proper co-ordination of works, that a telegraphic authority possesses under the provision of the Indian Telegraphic Act 1885 (Central Act 13 of 1885).

Any person interested/aggrieved may make representation to the Chief Engineer/Projects-I, TSTRANSCO, Vidyut Soudha, Khairatabad, Hyderabad-500 082 within two (2) months from the date of publication of this notification.

Representations received after the due date will not be considered and TSTRANSCO will take-up the above works after due date with/without modification as it deems fit after making enquiry, if necessary.

Hyderabad,
18-03-2017.

(Sd/-),
Chief Engineer,
Projects-I.

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